

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A device (1) for decrypting encrypted images, the device comprising:

- an array of sensor elements (11) for sensing a first image (A), and
- an array of display elements (12) for displaying a second image (B),
- wherein at least some display elements are combined elements (13) which comprise integrated sensor elements.

2. (original) The device according to claim 1, wherein the combined elements (13) are constituted by polymer organic LED elements.

3. (original) The device according to claim 1, wherein the combined elements (13) are constituted by small molecule organic LED elements.

4. (currently amended) The device according to ~~any of the preceding claims~~ claim 1, wherein the sensor elements (11) and the display elements (12) face in the same direction.

5. (currently amended) The device according to ~~any of claims 1-3~~
~~claim 1~~, wherein the sensor elements (11) and the display elements (12) face in opposite directions.

6. (currently amended) The device according to ~~any of the preceding claims~~
~~claim 1~~, wherein the array of display elements (12) is substantially transparent.

7. (currently amended) The device according to ~~any of claims 1-5~~
~~claim 1~~, wherein the array of display elements (12) is substantially opaque, the device preferably being arranged for permuting the first image (A) so as to produce the second image (B).

8. (currently amended) The device according to ~~any of the preceding claims~~
~~claim 1~~, wherein the first image (A) comprises positioning information for positioning the device.

9. (currently amended) The device according to ~~any of the preceding claims~~
~~claim 1~~, wherein the first image (A) comprises user identification information.

10. (currently amended) The device according to any of the preceding claims claim 1, further arranged for receiving user input via the sensor elements (11) and transmitting the user input to a terminal (2).

11. (currently amended) A system for visual cryptography, comprising a device (1) according to any of claims 1-10 claim 1.

12. (currently amended) An array of combined display elements (13) having integrated sensor elements (11) for use in the device according to any of claims 1-10 claim 1.